Original / Duplicate / Triplicate

CONTRACTOR CERTIFICATE

(For other Works)

No. First & Final Bill SSR 52/2020-21 Date: .....

Division: **Byatarayanapura** Sub Division: **Est cost: 15.00 Lakhs**

Bill Received No..... Date..... Cash Book Voucher No.....Dated.....

Scheduled Docted No. **Head of Account:** P1771 21/01/2021

Name of Work: **Drilling of Borewell and Providing Pump and Motor and Laying Pipeline in Ward No 05 Byatarayanapura sub Division**

Name of Contractor & Full Address: **M/s. Sri.Channigarayaswamy Constructions, (Prop) Chennakrishna.P, No.152, 3rd Block, 3rd Stage, Sanegoravanahalli, Basveshwaranagara, Bangalore-79**

Reference No. BBMP/EE/BTP/WO/126/2020-21 Date: 06-10-2020 Indent no 41585

Work Code: **005-20-000110**

Certified that the measurements were taken by me on 15/01/21..... and recorded of Pages 35322-35324 of Measurement Book No....3533.....And that the work is satisfactorily executed.

Contractor P. Channa Krishna 16/1/21

Officer-in-charge of Work

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Certified that the measurements were taken by me on ..... and found correct. The Work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of work and the Contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 13/01/2021

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

	If memorandum of Payment	Sub-Division Office
1	Total value of work done of supplies made as per account within	1406600.00
2	Deduct amount to be held in reserve being .....percent Rs.....	
3	Deduct amount to be held in Balance	1st & Final-TTB
4	Deduct payments :	
	a. Amount of previous payments as in the Office Cash Book Voucher No..... Dated..... S.D.No..... Amount adjusted towards cash advance recovery of	
	b. Payments cost store or other materials applied	
	Now made recovery of amount cerditable to this / other work	
	Amount paid on this bill Cheque / Cash	
5	Balance being unpaid value of work done held in reserve	
6	Deduct cash advance made on the Office Cash Book Voucher No..... Dated ..... Less adjustments	
7	Net amount due to or from contractor	
	Unadjusted items	
8	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	

I+ 14066.00
Cast 12559.00
SGST 12559.00
PSD 70450.00
Cess 14066.00
CBP 1400.00
Fine 500.00
Ded: 125600.00
Cheque 12,81,000.00

ಸ.ಆ.ಅ.(ಬ್ಯಾ.ವಿ)

Contractor's Signature

Received Rs..... (In Words) P. channa Krishna

.....

Witnesses:

1

2

Dated..... **Signature of Contractor**

Paid by me by cheque No..... Dated.....

Cash Rs. ..... Dated.....

Initials of Officer making payment

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P1771-POW-.....ರಡಿ

ಒಟ್ಟು ಮೊತ್ತವಾದ ರೂ. 1406600/- ಗಳನ್ನು ಪಾವತಿ ಮಾಡಿದೆ.

ಅದರಲ್ಲಿ ರೂ. 125600/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ

ಮಾಡಿಕೊಂಡು ರೂ. 12,81,000/- ಗಳನ್ನು

REMARKS ಮುಂದಾದರ ನಿರ್ವಹಣೆಗಾಗಿ

ಸಹಾ. ಅಭಿಯಂತರರು 01/02

ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು

1/2/21

(For use in the Office)

Stamp

Executive Engineer

Sl No	Items of Work (grouped under sub-heads the sub works of the estimate
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I.NO-9.4, PRED 12-13 SR)
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) (P.NO-47, I.NO-9.1, PRED 12-13 SR) 0 to 50 m
3	50 to 100 m
4	100 to 150 m
5	150 to 200 m
6	200 to 250 m
7	250 to 300 m
8	300 to 370 m
9	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/!993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)
10	Providing and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, P.No.53 I.no.1 of sl.no.11.)
11	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)
12	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)
13	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)
14	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)
15	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)
16	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete…. P No. 32/I No 3b KPWD Electrical SR 2010-11
17	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)
18	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)
19	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)
20	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)
21	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)

	Unit	Previous Measurements		Present Measurements			Total Up-to-date		Remark
		Qty	Cost	Qty	Rate Rs. P.	Cost	Qty	Cost	
d pump, e survey ty of the ncluding depth of cessories	Each BW	–	–	2.00	1851.23	3702.46	2.00	3702.46	
ve in all ncluding the final .NO-9.1,	Rmtr	–	–	100.00	301.00	30100.00	100.00	30100.00	
	Rmtr	–	–	100.00	393.46	39346.00	100.00	39346.00	
	Rmtr	–	–	100.00	437.72	43772.00	100.00	43772.00	
	Rmtr	–	–	100.00	462.32	46232.00	100.00	46232.00	
	Rmtr	–	–	100.00	535.11	53511.00	100.00	53511.00	
	Rmtr	–	–	100.00	573.47	57347.00	100.00	57347.00	
	Rmtr	–	–	138.00	594.01	81973.00	138.00	81973.00	
continous m length 3 SR)	Rmtr	–	–	120.00	1303.34	156400.80	120.00	156400.80	
l.no.11.)	Rmtr	–	–	20.00	1082.02	21640.40	20.00	21640.40	
	Each	–	–	2.00	98.37	196.74	2.00	196.74	
	Each	–	–	18.00 2.00	147.55	2655.90 295.10	18.00 2.00	2655.90 295.10	
vision for able size finished	Sqm	–	–	44000.00	0.32	14080.00	44000.00	14080.00	
pumpset including	L	–	–	90.00	86.56	7790.40	90.00	7790.40	
ation bed	NO	–	–	2.00	453.63	907.26	2.00	907.26	
sher etc.,	NO	–	–	6.00	143.25	859.50	6.00	859.50	
steel tape - 10 (d),	Mtr	–	–	60.00	162.30	9738.00	60.00	9738.00	
Complete	Mtr	–	–	60.00	54.10	3246.00	60.00	3246.00	
f 1.1 KV	Mtr	–	–	6.00	281.32	1687.92	6.00	1687.92	
ard using rocal 150 re of size 6 through	NO	–	–	2.00	1623.02	3246.04	2.00	3246.04	
insulating	NO	–	–	2.00	259.68	519.36	2.00	519.36	

Sl No	Items of Work (grouped under sub-heads the sub works of the estimate
22	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)
23	Borewell Cap and Clamp Set (PWD SR 2018-19, Page No. XLVII, Sl nO. 17)
24	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 17.50 HP 30 stage (P.NO-XXXXIII, I.NO-34, PWD SR 18-19)
25	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe B Class (SR 18-19 PWD, P.No.XLVII Sl.no. 1
26	Supply and fixing Collar for GI Pipes 50MM (Page No. XLVII, Sl NO.2, PWD SR-2018-19
27	Supplying of submersible pump cable 1X3X6..0 Sq.mm (Page No. XLVII, Sl NO. 8, PWD SR-2018-19
28	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shal have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cun control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel boar shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board fo suitable pumpset above Up to 20HP with star delta starter (MR) Page No. XLVII, Sl NO. 13, PWD SR 2018-19
29	Supplying & delivery of brand 50mm Gate Valve. (PWD SR 18-19, P.NO.XLVII Sl.no, 15
30	Supplying & delivery of brand 50mm Non Return Valve. (PWD SR 18-19, P.NO.XLVII Sl.no, 16
31	Supplying and fixing MCB (P.NO - XLVII, SL.NO - 19, PWD SR 18-19)
32	GI Pipe 40mm A Class, for Electrical Pole (P.NO - XLVII, SL.NO - 20, PWD SR 18-19)
33	Pot Head (P.NO - XLVII, SL.NO - 21, PWD SR 18-19)
34	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenche 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification (P.NO - 6, I.NO - 2.3, PWD SR 18-19)
35	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labou including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved typ with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel c selected earth available from the excavation etc., complete (P.NO - 94, I.NO - 13.73.2, PWD SR 18-19)
36	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer b ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - I.NO - 2.11, PWD SR 18-19)
37	BESCOM CHARGES
	Total R
	GST 12% (PWD SR 2018-19 Item SL No 23 to 3
	Grand Total R

Certificate:

1 Certified that the contractor has done the work satisfactorily
2 Certified that there is no departmental issues to the Contractor
3 Certified that the debris has been cleared from the work spot

(1) total

	Unit	Previous Measurements		Present Measurements			Total Up-to-date		Remark
		Qty	Cost	Qty	Rate Rs. P.	Cost	Qty	Cost	Item No 1 to 22 & 37
out on not es (P.NO -	NO	–	–	2.00	297.56	595.12	2.00	595.12	596706.48
	Set	–	–	2.00	1719.00	3438.00	2.00	3438.00	+ GST
deep well ump close king water h required all from an	No	–	–	2.00	68880.33	137760.66	2.00	137760.66	+ GST
nds elbows lead & lift	Rmtr	–	–	670.00	396.33	265541.10	670.00	265541.10	+ GST
	No	–	–	112.00	171.90	19252.80	112.00	19252.80	+ GST
	Mtr	–	–	1460.00	137.52	200779.20	1460.00	200779.20	+ GST
ergy meter- e unit shall king with a gy mtr cum anel board l board for	No	–	–	2.00	20055.00	40110.00	2.00	40110.00	+ GST
	No	–	–	2.00	1719.00	3438.00	2.00	3438.00	+ GST
	No	–	–	2.00	1719.00	3438.00	2.00	3438.00	+ GST
	No	–	–	2.00	859.50	1719.00	2.00	1719.00	+ GST
	Mtrs	–	–	4.00	382.00	1528.00	4.00	1528.00	+ GST
	No	–	–	2.00	343.80	687.60	2.00	687.60	+ GST
in trenches d trenches, ecifications	Cum	–	–	36.00	302.68	10896.48	36.00	10896.48	+ GST
and labour, proved type h gravel or	Mtr	–	–	80.00	376.58	30126.40	80.00	30126.40	+ GST
ed layer by (P.NO - 7,	Cum	–	–	36.00	122.49	4409.64	36.00	(2) 4409.64 + GST	Sl. No 23 to 36 723124.88
	Nos	–	–			19520.00		19520.00	
Total Rs.						1323380.18		1323380.18	1319831.36
o 23 to 36)						86774.99		86774.99	86774.98
						[illegible]		[illegible]	
l Total Rs.						1423388.97		1423388.97	1406606.34

Round off - 1406600.00

ಸಹಾಯಕ ಅಧಿಯಂತರು
ವಿ.ವಿ.ಎಂ.ವಿ ವ್ಯಾಪ್ತಿಯನ್ನು ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಅಧಿಯಂತರು
ವಿ.ವಿ.ಎಂ.ವಿ ವ್ಯಾಪ್ತಿಯನ್ನು ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಧಿಯಂತರರು
ವ್ಯಾಪ್ತಿಯನ್ನು ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು-24